

Courage to Soar			
2004 Science			
Grade Level Expectations			
Louisiana Science			
Grade 3			
Activity/Lesson	State	Standards	
Kite Flight	LA	SCI.3.2	Pose questions that can be answered by using students' own observations, scientific knowledge, and testable scientific investigations
Kite Flight	LA	SCI.3.4	Predict and anticipate possible outcomes
Looking for Answers:A research project	LA	SCI.3.11	Use a variety of appropriate formats to describe procedures and to express ideas about demonstrations or experiments (e.g., drawings, journals, reports, presentations, exhibitions, portfolios)
The Matter of Air	LA	SCI.3.3	Use observations to design and conduct simple investigations or experiments to answer testable questions
The Matter of Air	LA	SCI.3.4	Predict and anticipate possible outcomes
The Four Forces of Flight	LA	SCI.3.3	Use observations to design and conduct simple investigations or experiments to answer testable questions
Controlling the Plane	LA	SCI.3.10	Combine information, data, and knowledge from one or more of the science content areas to reach a conclusion or make a prediction
Courage to Soar			
2004 Science			
Grade Level Expectations			
Louisiana Science			
Grade 4			
Activity/Lesson	State	Standards	
Kite Flight	LA	SCI.4.2	Pose questions that can be answered by using students' own observations, scientific knowledge, and testable scientific investigations
Kite Flight	LA	SCI.4.4	Predict and anticipate possible outcomes
Aviation Pioneers	LA	SCI.4.3	Use observations to design and conduct simple investigations or experiments to answer testable questions
Flying a Styrofoam Plane	LA	SCI.4.3	Use observations to design and conduct simple investigations or experiments to answer testable questions
Looking for Answers:A research project	LA	SCI.4.12	Use a variety of appropriate formats to describe procedures and to express ideas about demonstrations or experiments (e.g., drawings, journals, reports, presentations, exhibitions, portfolios)

The Matter of Air	LA	SCI.4.3	Use observations to design and conduct simple investigations or experiments to answer testable questions
The Matter of Air	LA	SCI.4.4	Predict and anticipate possible outcomes
The Four Forces of Flight	LA	SCI.4.3	Use observations to design and conduct simple investigations or experiments to answer testable questions
Controlling the Plane	LA	SCI.4.11	Combine information, data, and knowledge from one or more of the science content areas to reach a conclusion or make a prediction
Courage to Soar			
2004 Science			
Grade Level Expectations			
Louisiana Science			
Grade 5			
Activity/Lesson	State	Standards	
Kite Flight	LA	SCI.5.SI.2	Identify problems, factors, and questions that must be considered in a scientific investigation
Kite Flight	LA	SCI.5.SI.4	Design, predict outcomes, and conduct experiments to answer guiding questions
Kite Flight	LA	SCI.5.SI.16	Use evidence to make inferences and predict trends
Aviation Pioneers	LA	SCI.5.SI.4	Design, predict outcomes, and conduct experiments to answer guiding questions
Having the Right Stuff	LA	SCI.5.SI.34	Recognize the importance of communication among scientists about investigations in progress and the work of others
Flying a Styrofoam Plane	LA	SCI.5.SI.4	Design, predict outcomes, and conduct experiments to answer guiding questions
Looking for Answers:A research project	LA	SCI.5.SI.19	Communicate ideas in a variety of ways (e.g., symbols, illustrations, graphs, charts, spreadsheets, concept maps, oral and written reports, equations)
The Matter of Air	LA	SCI.5.SI.4	Design, predict outcomes, and conduct experiments to answer guiding questions
The Four Forces of Flight	LA	SCI.5.SI.4	Design, predict outcomes, and conduct experiments to answer guiding questions